

IFW



INT-03-010

May 21, 2004

To: Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/811,082 03/26/04 |

Thomas Aisenbrey

LOW COST KEY ACTUATORS AND OTHER  
SWITCHING DEVICE ACTUATORS  
MANUFACTURED FROM CONDUCTIVE LOADED  
RESIN-BASED MATERIALS

#### INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation  
In An Application.

The following Patents and/or Publications are submitted to  
comply with the duty of disclosure under CFR 1.97-1.99 and  
37 CFR 1.56.

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first class  
mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on May 24, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

 5/24/04

INT-03-010

UK Patent Application GB 2 377 449 A to Michael Patrick Sayers, "Electrically Conductive Polymer Composition," discusses electrically conductive compositions, and to their use to prevent electrostatic discharges and to earth electrical devices.

U.S. Patent Application INT-01-002\_CIP, filed 12/04/02, Serial No. 10/309,429, assigned to the same assignee, "Low Cost Antennas Using Conductive Plastics or Conductive Composites," discusses antennas formed of conductive loaded resin-based materials comprising micron conductive powders or micron conductive fibers.

U.S. Patent Application INT-01-002, filed 02/14/02, Serial No. 10/075,778, assigned to the same assignee, "Low Cost Antennas Using Conductive Plastics or Conductive Composites," discusses antennas formed of conductive loaded resin-based materials comprising micron conductive powders or micron conductive fibers.

U.S. Patent Application Publication US 2001/0025065 A1 to Matsumora, "Conductive Resin Composition and Encoder Switch Using the Same," teaches an encoder switch comprising a rotating code disk with a conductive resin pattern formed thereon.

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U.S. Patent Application Publication US 2003/0203668 A1 to Cobbley et al., "Electrical Interconnect Using Locally Conductive Adhesion," discloses an electrical interconnect device.

U.S. Patent Re. 34,642 to Maenishi et al., "Electric Contact Switching Device," discloses an electric contact switching device comprising, in part, a non-conductive resin.

U.S. Patent 6,362,976 to Winters et al., "Dual Silicone Keypad Actuation," describes a keypad comprising silicone buttons over silicone domes.

U.S. Patent 4,503,410 to Hochreutiner, "Electromagnetic Miniature Relay," describes an electromagnetic relay device having two contact pills each comprising an electrically and magnetically conducting material.

Sincerely,

A handwritten signature in black ink, appearing to read 'SBA', with a long horizontal flourish extending to the right.

Stephen B. Ackerman,  
Reg. No. 37761

Form PTO-1449

DocId: 34461222

Application Number

INT-03-010

10/ 811, 082

Applicants:

<sup>nt</sup> Thomas Aisenbren

Filing Date

03/26/04

Group Art Unit

Form PTO-1449

PIPE

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

**MAY 26 2004**

(Use several sheets if necessary)

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Portmox Pages, Etc.)

- U.S. Patent App. INT-01-002-CIP, Ser.# 10/309,429, filed 12/04/02, assigned to the same assignee, "Low Cost Antennas Using Conductive Plastics or Conductive Composites".
- U.S. Patent App- Pub. US 2001/0025065 A1 to Matsumura, Pub. Date 9/27/01, Filed 2/22/01, US Cl. 523/215.

EXAMINE

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Docket Number (Optional) <b>INT-03-010</b></td> <td style="width: 50%;">Application Number <b>10/811,082</b></td> </tr> <tr> <td colspan="2">Applicant <b>Thomas Aisenbrey</b></td> </tr> <tr> <td>Filing Date <b>03/26/04</b></td> <td>Group Art Unit</td> </tr> </table>	Docket Number (Optional) <b>INT-03-010</b>	Application Number <b>10/811,082</b>	Applicant <b>Thomas Aisenbrey</b>		Filing Date <b>03/26/04</b>	Group Art Unit
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**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Portion of Pages, Etc.)*

-	U.S. Patent App. INT-01-002, Ser# 10/075,778, filed 02/14/02, assigned to the same assignee, "Low Cost Antennas Using Conductive Plastics or Conductive Composites".
-	U.S. Patent App. Pub. US 2003/0203668 A1 to Cobbley et al., Pub. Date 10/30/03, Filed 4/25/02, US Cl. 439/323.

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